

# M 5.4, 48 km N of Borzjn, Iran

Origin Time: 2021-07-18 14:34:19 UTC (Sun 19:04:19 local)  
Location: 29.7044° N 51.1292° E Depth: 10.0 km

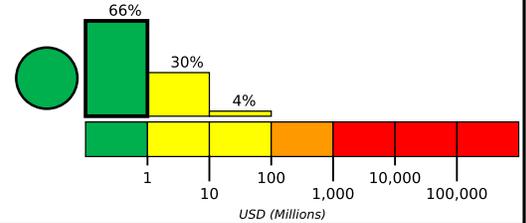
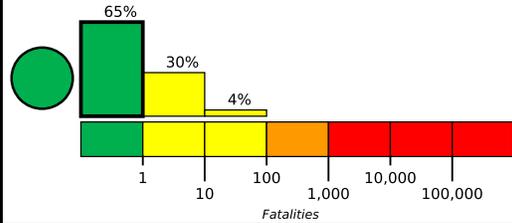
## PAGER Version 5

Created: 1 day, 0 hours after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

### Estimated Economic Losses

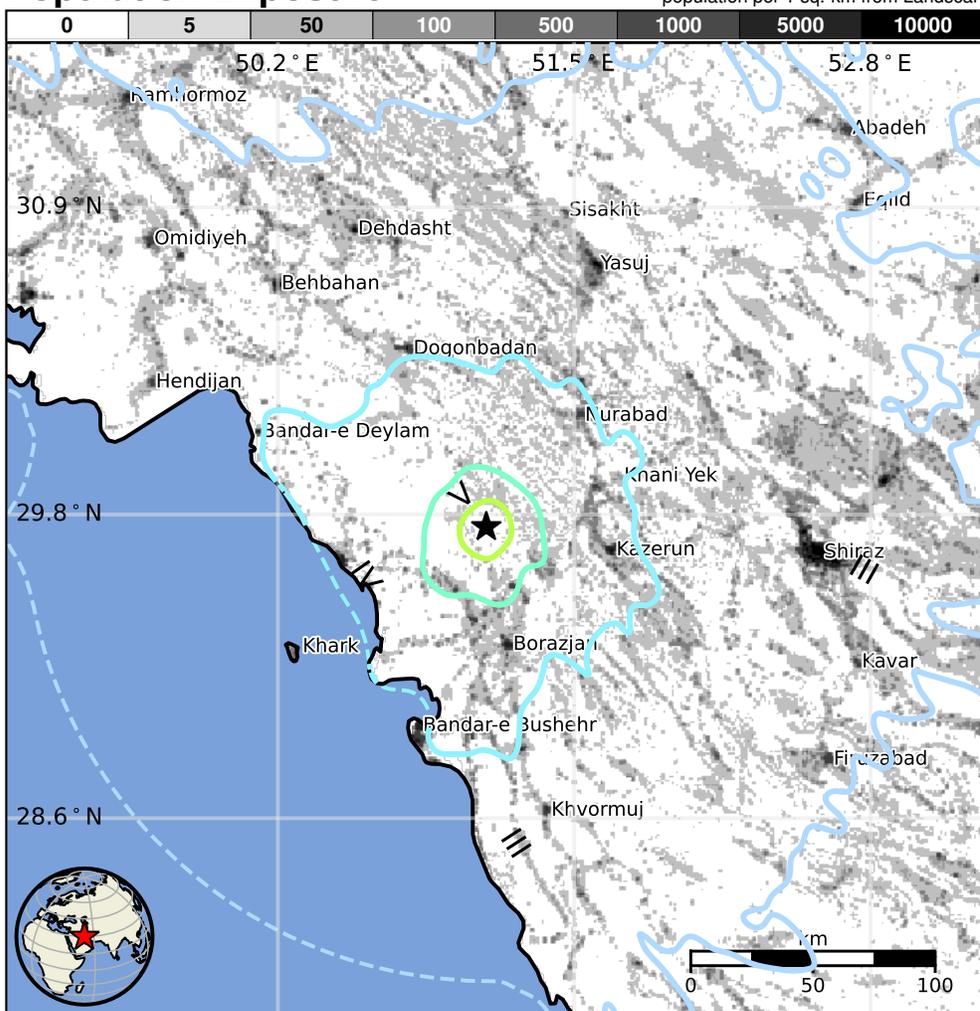


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	5,176k	1,081k	70k	3k	0	0	0	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building type is low-rise nonductile concrete frame with infill construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-05-06	77	6.2	VI(1k)	26
1986-07-12	47	5.7	VII(22k)	1
1972-04-10	216	6.9	IX(4k)	5k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Bandar-e Ganaveh	53k
IV	<b>Borzjan</b>	<b>86k</b>
IV	<b>Nurabad</b>	<b>64k</b>
IV	<b>Kazerun</b>	<b>95k</b>
IV	<b>Bandar-e Bushehr</b>	<b>165k</b>
IV	Basht	<1k
IV	<b>Dogonbadan</b>	<b>95k</b>
III	<b>Behbahan</b>	<b>79k</b>
III	<b>Shiraz</b>	<b>1,250k</b>
III	<b>Yasuj</b>	<b>97k</b>
III	<b>Akbarabad</b>	<b>98k</b>

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

bold cities appear on map.

(k=x1000)